20030624.ba v03_n506.bam.20030624

>From ???@??? Tue Jun 24 11:07:57 2003 -0500
Message-Id: <200306241607.h5OG7kfI015016@sco.theporch.com>
Date: Tue, 24 Jun 2003 11:07:25 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3506

BOATANCHORS Digest 3506

Topics covered in this issue include:

  1) [Fwd: Grimeton Radio/SAQ transmission 2003-06-29.]
     by Al Klase <skywaves@bw.webex.net>
  2) VTVM probes - found
     by Edward Knobloch <k4pf@juno.com>
  3) FS: Various Items
     by Dave Hollander <n7rk@cox.net>
  4) fixed the pictures on http://www.smecc.org/knight_kit_home_broadcasters_-
_allied_electronics.htm
     by "ed sharpe" <esharpe@uswest.net>
  5) (Duo) banned in Dallas.
     by Michael N Hopkins <mnhopkins@juno.com>
  6) Tek scope diodes
     by "Benjamin D. Hall" <kd5byb@earthlink.net>
  7) Re: Tek scope diodes
     by W7QHO@aol.com
  8) Re: Tek scope diodes
     by "Al Parker" <anchor@ec.rr.com>
  9) Re: Tek scope diodes
     by "Benjamin D. Hall" <kd5byb@earthlink.net>
 10) RE: Tek scope diodes
     by "Bill Hawkins" <bill@iaxs.net>
 11) Re: Tek scope diodes
     by "Arden Allen" <gumbear@pacbell.net>
 12) Re: Tek scope diodes
     by Henry van Cleef <vancleef@eskimo.com>
 13) CE "slicer" and the R-388
     by Rodger Singley <rbsingl@ilstu.edu>
 14) Re: CE "slicer" and the R-388
     by jackiv@juno.com
 15) Re: Tek scope diodes
     by Benjamin Hall <kd5byb@earthlink.net>
 16) Re: Tek scope diodes
     by Benjamin Hall <kd5byb@earthlink.net>

Message-ID: <3EF4CFF1.3020409@bw.webex.net>
Date: Sat, 21 Jun 2003 17:36:49 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: [Fwd: Grimeton Radio/SAQ transmission 2003-06-29.]
Content-Type: multipart/mixed;
 boundary="------------050303000300020503030301"

This is a multi-part message in MIME format.
--------------050303000300020503030301
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 8bit

Lars KÂlland wrote:

> "CQ CQ CQ DE SAQ SAQ SAQ"
>
>
> This year the Grimeton Radio/SAQ transmission will be on Sunday 29th June with the VLF Alexanderson alternator on 17,2 kHz. There will be three transmissions with the same message, at 08:30 UTC, 10:30 UTC AND 12:30 UTC.
>
> The station will be open to public.
>
>
> QSL reports can be given via:
>
> - E-mail to: info.alexander.n.se
>
> - or fax to: +46-340-674195
>
> - or via SM-bureau
>
> - or direct by mail to: "Alexander - Grimeton Veteranradios Vaenner, Radiostationen, Grimeton 72, SE-430 16, ROLFSTORP, SWEDEN
>
> - or via amateur radio QSO with the call "SA6Q" on following frequencies:
>
> 137,7 CW
> 14,035 CW
> 14,215 SSB
>
> on the following times:
>
> 07:00-08:00 UTC
> 08:45-10:15 UTC
> 10:45-12:15 UTC

> 12:45-14:00 UTC
>
>
> Note: SAQ is now a member of the Swedish Amateur Association (SSA) and "QSL via bureau" is OK.
>
> QSL-cards to "SA6Q" also via bureau.
>
> Also read website: www.alexander.n.se
>
>
> SM6NM/Lars
>
>
>
>
>
>

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: http://www.webex.net/~skywaves/home.htm

--------------050303000300020503030301
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
*   ---REMAINDER OF MESSAGE TRUNCATED---   *
*   This post contains a forbidden message format   *
* (such as an attached file, a v-card, HTML formatting)   *
*   Mail Lists at theporch.com only accept PLAIN TEXT   *
* If your postings display this message your mail program   *
* is not set to send PLAIN TEXT ONLY and needs adjusting   *
* *

--------------050303000300020503030301--

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 21 Jun 2003 17:30:50 -0400
Subject: VTVM probes - found
Message-ID: <20030621.173051.1340.0.k4pf@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
From: Edward Knobloch <k4pf@juno.com>

Greetings, Anchorites

Fans of the vacuum tube voltmeter know that replacement probes
have become a rarity. The standard VTVM has a 10 Meg
input resistance on DC, and includes a 1 Meg series resistor
in the probe for circuit isolation. The VTVM calibration
assumes the presence of the 1 Meg resistor in d.c. ranges.
A switch is included in the probe to bypass the isolation resistor
for a.c. or Ohms measurements.

This differs from the standard 'scope arrangement, with 1 Meg
'scope input resistance, and 9 Meg series resistor in the
divide-by-10 probe. So, 'scope probes are not a viable
substitute for the original VTVM probes.

Help is at hand: Fair Radio sells a Triplett probe, intended
for use with the Triplett 601 VOM, which fills the bill for VTVM use.
A slight draw back is that the probe's isolation resistance
is only 680K, instead of 1 Meg, but this only represents a d.c. reading
3 percent higher than calibrated (10/10.68 instead of 10/11
resistive divider). Best part = price, only $4 each, new in box.
Fair Radio P/N 79-267 Test Leads, catalog page 42.
The probe includes a DC-Ohms/AC switch,
and has an RCA connector on the probe cable.

Physically, the probe body is a bit thicker and heavier
than the red probe that came with the Triplett 850 VTVM,
and has a sharp tip, good for piercing insulation.

73,
Ed   k4pf@juno.com

Message-ID: <3EF5FC37.E47D318C@cox.net>
Date: Sun, 22 Jun 2003 11:58:00 -0700
From: Dave Hollander <n7rk@cox.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Various Items
Content-Type: text/plain; charset=iso-8859-1; x-mac-type="54455854"; x-mac-
creator="4D4F5353"
Content-Transfer-Encoding: 8bit

Here are a bunch of items for sale. Prices do not include shipping.

Two Individual James Millen WavemetersÖÖÖ$25 plus shipping
One covers 3.5-6 MHz, the other covers 18-40 MHz. The plastic cover on one is broken
http://members.cox.net/radiostuff9/millenwm.jpg
http://members.cox.net/radiostuff9/millenwm2.jpg
http://members.cox.net/radiostuff9/millenwm3.jpg

Heathkit Electronic Switch Model S-2 with original manual....$25 plus shipping
http://members.cox.net/radiostuff9/heath_switch.jpg

U.S. Army Signal Corps Flame Proof Key J-5-AÖÖÖ.$65 plus shipping
Flame Proof Key J-5-A made by L.S. Brach Mfg. of Newark, NJ. This is a W.W.II key in very good condition.
http://members.cox.net/radiostuff9/flameproofkey.jpg
http://members.cox.net/radiostuff9/flameproofkey2.jpg

Signal Corps U.S. Army Test Set Frequency Meter Test Set I-129-BÖÖÖ.$150 plus shipping
Military set of James Millen wavemeters covering 1.5 to 40 MHz.
Excellent condition
http://members.cox.net/radiostuff9/wavemeters1.jpg
http://members.cox.net/radiostuff9/wavemeters2.jpg
http://members.cox.net/radiostuff9/wavemeters3.jpg
http://members.cox.net/radiostuff9/wavemeters4.jpg

Turner P-9D Dynamic MicrophoneÖÖÖ.$40 plus shipping
Dynamic Microphone made in Cedar Rapids, Iowa. This mike works and is in

Very good condition externally with a small tear in the cloth
http://members.cox.net/radiostuff9/p9d2.gif
http://members.cox.net/radiostuff9/turner_dynamicmike.jpg

National Type ACN Dial - New in the Box.....$65 plus shipping
http://members.cox.net/radiostuff9/type_acn.jpg

National Type MCN Dial - new in the boxÖ..$60 plus shipping
 http://members.cox.net/radiostuff9/mcn.jpg
http://members.cox.net/radiostuff9/mcn2.jpg

Large Millen Dial - New in the boxÖÖ..$20 plus shipping
http://members.cox.net/radiostuff9/millendial.jpg

National HRO Drive .....$45 plus shipping
Good condition - no box.
http://members.cox.net/radiostuff9/2ndhrodrive.jpgg
http://members.cox.net/radiostuff9/2ndhrodrive2.jpg

National Black PW Dial - $75 plus shippingÖÖÖÖÖÖÖÖ
Here is a chance to replace that chipped up dial on your HRO receiver.
These look to be new. No box - a couple of very tiny paint chips
http://members.cox.net/radiostuff9/hrodial.jpg
http://members.cox.net/radiostuff9/hrodial2.jpg

RCA Capacitance TesterÖÖ..$35 plus shipping
Capacitance tester from the 1940's. Uses a magic eye tube reflected
witha mirror.
Working but needs a power cord. I checked it with a cheater cord
http://members.cox.net/radiostuff9/rca_captester.jpg

Three RCA Pocket Reference books for the 1940's and 1950'sÖÖ..$12 plus
Shipping. Condition is fair to good. The cover on the 1946 book is
missing a very small piece of the back cover. They are:

1945 Tube Reference Book - Tucson Radio Supply stamped inside
1946 Electron Tube Reference Book - Tucson Radio Supply in gold
on cover
1953 RCA Reference Book (Tubes, Batteries, Parts, Test Equipment)

- Radio Parts of Arizona, Phoenix
http://members.cox.net/radiostuff9/rca_books.jpg

Barker and Williamson Coil Mounting BarÖÖ..$15 plus shipping
http://members.cox.net/radiostuff9/bwcoilbar.jpg
http://members.cox.net/radiostuff9/bwcoilbar2.jpg

Eimac 450TH/VT-108 Transmitting Tube - $150 plus shipping
http://members.cox.net/radiostuff9/450th2.jpg
http://members.cox.net/radiostuff9/450th.jpg

Triplett VTVMÖÖÖ..$40 plus shipping
Works but needs to be calibrated. Good cosmetic condition.
http://members.cox.net/radiostuff9/triplettvtvm.jpg
http://members.cox.net/radiostuff9/triplettvtvm2.jpg
http://members.cox.net/radiostuff9/triplettvtvm3.jpg

HAL Computer RTTY Interface CRI-200....$75 plus shipping
Older HAL unit in excellent cosmetic and working condition. No
documentation but it can still be obtained from HAL.
http://members.cox.net/radiostuff9/hal_cri200.jpg
http://members.cox.net/radiostuff9/hal_cri2002.jpg

You can check my user ID "n7rk" on Eb*y
for a reference as to dealing with me.

Thanks for looking and 73,

Dave N7RK

--
****
Dave N7RK   http://members.cox.net/n7rk
Phoenix, Arizona   *DXCC Honor Roll*   *WAZ#23 - 75 Meter SSB*

            ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector Extraordinaire preferring
Hallicrafters, National and what ever else looks interesting!

Date: Mon, 23 Jun 2003 01:18:41 -0700
Message-ID: <02d001c33960$0edc2d20$0100a8c0@SONYDIGITALED>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: fixed the pictures on http://www.smecc.org/knight_kit_home_broadcasters_-
_allied_electronics.htm
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----=_NextPart_000_02CD_01C33925.61CCF0E0"

This is a multi-part message in MIME format.

------=_NextPart_000_02CD_01C33925.61CCF0E0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

fixed the pictures on

http://www.smecc.org/knight_kit_home_broadcasters_-_allied_electronics.ht=
m

Thanks Ed Sharpe archivist for SMECC

Please check our web site at
 http://www.smecc.org
to see other engineering fields, communications and computation stuff we
buy, and by all means when in Arizona drop in and see us.

address:

 coury house / smecc
5802 w palmaire ave

glendale az 85301

------=_NextPart_000_02CD_01C33925.61CCF0E0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
*   ---REMAINDER OF MESSAGE TRUNCATED---   *
*   This post contains a forbidden message format   *
* (such as an attached file, a v-card, HTML formatting) *
*   Mail Lists at theporch.com only accept PLAIN TEXT   *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* *

------=_NextPart_000_02CD_01C33925.61CCF0E0--

To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 23 Jun 2003 09:21:57 -0500
Subject: (Duo) banned in Dallas.
Message-ID: <20030623.092702.-244797.3.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: Michael N Hopkins <mnhopkins@juno.com>

My WRL Duo-Bander 84 did not sell at Dallas' lightly attended HamCom over the weekend, happily.

This mid-60s minimalist withstood Dayton too. It legitimizes me in that I seem to have a bona-fide display but, in fact, only set up to have a place to sit. Still, the Duo-Bander is a joy to contemplate:

Note that 5.5mc IF and upper BCB VFO. And it has a fixed output cap on the PA, and a set-in-time coverage of 7.1-7.3 and 3.8-4.0 Try to shift it and you get birdies like A. Hitchcock gave Tippi Hedrin.

Allso appreciate the center-of-panel speaker, the ominous "Null" control, and the CB-grade panel meter, good buddy. It's a true classic of low end nitch filling which, by omitting 20M, justified itself for all time in my view.

You can read of it in Electric Radio #40 for Aug., 1992, or simply consult your manual, or schematic, if you have one.

And if you do, would you sell me a copy for less than $19? I hate to put $19 in a $20 radio.

Sitting, alone, at my table at HamCom, it occured to me that the 5.5mc IF suits the Frank Jones rule that the conversion should be between 10 and 20 per cent of the frequency tuned. Wonder if it would go on 6M...?

73 de ab5L, Student of Tecraft and 6M's Golden Age, 1956-58
Michael, MNHopkins@JUNO.com, Box. 226841, Dallas 75222

Message-Id: <5.1.0.14.0.20030623162449.01c362f0@mail.earthlink.net>
Date: Mon, 23 Jun 2003 16:26:08 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "Benjamin D. Hall" <kd5byb@earthlink.net>
Subject: Tek scope diodes
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey all,

In re-reading Stan Griffith's book on Tek scopes, he mentions that the 543 that I have was originally built with selenium rectifiers. Upon checking, I note that I've got 1N2070 rectifiers installed. Can't find these listed - are they silicon?

Gosh I remember asking this years ago, but couldn't find my post in the archives...

thanks,
ben

 From the computer of Benjamin D. Hall, kd5byb@earthlink.net.
Northern Alabama, USA.

From: W7QHO@aol.com
Message-ID: <1f0.bbbd6e3.2c28cf96@aol.com>
Date: Mon, 23 Jun 2003 17:48:06 EDT
Subject: Re: Tek scope diodes
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_1f0.bbbd6e3.2c28cf96_boundary"

--part1_1f0.bbbd6e3.2c28cf96_boundary
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: quoted-printable

In a message dated 6/23/03 2:26:57 PM, kd5byb@earthlink.net writes:

> I note that I've got 1N2070 rectifiers installed.=A0 Can't find these list=
ed=20
> - are they silicon?
>=20
>From D.A.T.A Book, 1972:

1N2070 -- Silicon, 400 PIV, 0.75 amp, 1.2 volt forward drop at 0.5 amp.

Dennis D. W7QHO
Glendale, CA

--part1_1f0.bbbd6e3.2c28cf96_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
*   ---REMAINDER OF MESSAGE TRUNCATED---   *
*   This post contains a forbidden message format   *
* (such as an attached file, a v-card, HTML formatting) *
*   Mail Lists at theporch.com only accept PLAIN TEXT   *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* *

--part1_1f0.bbbd6e3.2c28cf96_boundary--

Message-ID: <041301c339d1$32cc1710$3201a8c0@w8ut>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Tek scope diodes
Date: Mon, 23 Jun 2003 17:48:35 -0400

Hi Ben,
1N2070 crosses to ECG 116 which is a Gen. Purp. Silicon, 600v, 1a
73,
Al, W8UT
New Bern, NC
BoatAnchors appreciated here

http://www.thecompendium.net/radio/
http://www.hammarlund.info

----- Original Message -----
From: "Benjamin D. Hall" <kd5byb@earthlink.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, June 23, 2003 5:26 PM
Subject: Tek scope diodes

> Hey all,
>
> In re-reading Stan Griffith's book on Tek scopes, he mentions that the 543
> that I have was originally built with selenium rectifiers. Upon checking,
> I note that I've got 1N2070 rectifiers installed. Can't find these listed
> - are they silicon?
>
> Gosh I remember asking this years ago, but couldn't find my post in the
> archives...
>
> thanks,
> ben
>
> ---
> From the computer of Benjamin D. Hall, kd5byb@earthlink.net.
> Northern Alabama, USA.
>
>

Message-Id: <5.1.0.14.0.20030623183828.01be3c48@mail.earthlink.net>
Date: Mon, 23 Jun 2003 18:39:24 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "Benjamin D. Hall" <kd5byb@earthlink.net>
Subject: Re: Tek scope diodes
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi all,

Thanks for the replies! I couldn't find it in any of my references and was wondering if I was going to need to change them out. Planning to use the 543 extensively in the coming months on a non-BA project...

thanks and 73,
ben

At 05:48 PM 6/23/2003 -0400, W7QHO@aol.com wrote:

>In a message dated 6/23/03 2:26:57 PM, kd5byb@earthlink.net writes:
>
>
>>I note that I've got 1N2070 rectifiers installed. Can't find these listed
>>- are they silicon?
>
> From D.A.T.A Book, 1972:
>
>1N2070 -- Silicon, 400 PIV, 0.75 amp, 1.2 volt forward drop at 0.5 amp.
>
>Dennis D. W7QHO
>Glendale, CA

 From the computer of Benjamin D. Hall, kd5byb@earthlink.net.
Northern Alabama, USA.

From: "Bill Hawkins" <bill@iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Tek scope diodes
Date: Mon, 23 Jun 2003 19:44:09 -0500
Message-ID: <003e01c339e9$b95192c0$290aa8c0@darius>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Ben,

Look in Stan's book under Power Supplies on page 28. He talks
about Tek retrofit kits to replace failing selenium stacks.
They use diodes and series resistors.

Bill

-----Original Message-----
From: owner-boatanchors@theporch.com
[mailto:owner-boatanchors@theporch.com]On Behalf Of Benjamin D. Hall
Sent: Monday, June 23, 2003 4:26 PM
To: Old Tube Radios
Subject: Tek scope diodes

Hey all,

In re-reading Stan Griffith's book on Tek scopes, he mentions that the 543 that I have was originally built with selenium rectifiers. Upon checking, I note that I've got 1N2070 rectifiers installed. Can't find these listed - are they silicon?

Gosh I remember asking this years ago, but couldn't find my post in the archives...

thanks,
ben

 From the computer of Benjamin D. Hall, kd5byb@earthlink.net.
Northern Alabama, USA.

Message-ID: <003301c339eb$f0731ec0$2ce47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Tek scope diodes
Date: Mon, 23 Jun 2003 17:59:54 -0700
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't go diode nuts, Ben. The 1N207x series were the workhorse rectifiers used in lots of stuff before the 1N400x's took over because of higher ratings and smaller size. They are perfectly good and reliable diodes. Change only if bad.

Arden Allen
KB6NAX
Vallejo, CA 94590
gumbear@pacbell.net

----- Original Message -----
From: "Benjamin D. Hall" <kd5byb@earthlink.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, June 23, 2003 4:39 PM
Subject: Re: Tek scope diodes

> Hi all,
>
> Thanks for the replies! I couldn't find it in any of my references and was

> wondering if I was going to need to change them out. Planning to use the
> 543 extensively in the coming months on a non-BA project...
>
> thanks and 73,
> ben
>
> At 05:48 PM 6/23/2003 -0400, W7QHO@aol.com wrote:
>
> >In a message dated 6/23/03 2:26:57 PM, kd5byb@earthlink.net writes:
> >
> >
> >>I note that I've got 1N2070 rectifiers installed. Can't find these
listed
> >>- are they silicon?
> >
> > From D.A.T.A Book, 1972:
> >
> >1N2070 -- Silicon, 400 PIV, 0.75 amp, 1.2 volt forward drop at 0.5 amp.
> >
> >Dennis D. W7QHO
> >Glendale, CA
>
> ---
> From the computer of Benjamin D. Hall, kd5byb@earthlink.net.
> Northern Alabama, USA.
>

From: Henry van Cleef <vancleef@eskimo.com>
Message-Id: <200306240252.TAA11255@eskimo.com>
Subject: Re: Tek scope diodes
To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 23 Jun 2003 20:52:02 -0600 (MDT)
Cc: boatanchors@theporch.com (Old Tube Radios)
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The esteemed Benjamin D. Hall has said:
>
> Hey all,
>
> In re-reading Stan Griffith's book on Tek scopes, he mentions that the 543
> that I have was originally built with selenium rectifiers. Upon checking,
> I note that I've got 1N2070 rectifiers installed. Can't find these listed
> - are they silicon?
>
> Gosh I remember asking this years ago, but couldn't find my post in the

> archives...
>
Ben, the 533 and 543 (100X horizontal amplifier) came much later than
the 535/545, and I think that almost all of them were built with
silicon diode rectifiers. Tek also provided conversion kits for the
old selenium setup, and the vast majority of the scopes in the field
that ran into the mid-1960's got the conversion.

The appropriate replacement---if you need one---is the 1N4005.

--
Hank van Cleef (vancleef@eskimo.com, hvanclee@nyx.net)
1986 420SEL

Message-Id: <5.1.0.14.2.20030624072452.00acdb48@mail.ilstu.edu>
Date: Tue, 24 Jun 2003 07:28:24 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Rodger Singley <rbsingl@ilstu.edu>
Subject: CE "slicer" and the R-388
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Anyone using the Central Electronics signal slicer with an R-388 (500 Khz
IF)? I have the manual for the CE but it isn't really clear whether it can
be realigned up to 500 Khz from the usual 455 Khz IF. I also have the AP-2
adapter which apparently is an IF frequency converter for the CE but I have
no xtal in it and no documentation for the adapter. Any help is greatly
appreciated!

Rodger WQ9E

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Tue, 24 Jun 2003 09:17:12 -0500
Subject: Re: CE "slicer" and the R-388
Message-ID: <20030624.091856.2652.0.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: jackiv@juno.com

Rodger, yes,, it can be used at 500 kc. the original manual states the
specs.
The ap-2 is for higher freqs such as 1650 etc.
The original manuals are on mimeograph paper, not the slick paper as a
modern copy would be..

The kit assembly instructions are normally furnished with all versions,
very few were factory assembled.

Jack jackiv@juno.com

On Tue, 24 Jun 2003 07:28:24 -0500 Rodger Singley <rbsingl@ilstu.edu>
writes:
> Anyone using the Central Electronics signal slicer with an R-388 (500
> Khz
> IF)? I have the manual for the CE but it isn't really clear whether
> it can
> be realigned up to 500 Khz from the usual 455 Khz IF. I also have
> the AP-2
> adapter which apparently is an IF frequency converter for the CE but
> I have
> no xtal in it and no documentation for the adapter. Any help is
> greatly
> appreciated!
>
> Rodger WQ9E
>
>
>

Message-ID: <6614627.1056470589521.JavaMail.nobody@kermit.psp.pas.earthlink.net>
Date: Tue, 24 Jun 2003 09:03:16 -0500 (CDT)
From: Benjamin Hall <kd5byb@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Tek scope diodes
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Arden and gang,

I agree 100%. I was only going to change them if they turned out to be selenium.
The last thing I need is a selenium diode to let go in the new house! ;)

In fact, speaking of selenium, I'm in the process of retrofitting my old
boatanchor-era car battery float charger with silicon instead of selenium...
Problem is that right now, the transformer is such that it puts out 13.8 VDC open
circuit which is perfect. If I replace with silicon and a dropping resistor, I'll
get more than 13.8 VDC, which isn't good. Oh well... ;)

later and 73,
ben

-------Original Message-------
From: Arden Allen <gumbear@pacbell.net>
Sent: 06/23/03 07:59 PM
To: kd5byb@earthlink.net, Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Tek scope diodes

>
> Don't go diode nuts, Ben. The 1N207x series were the workhorse rectifiers used in lots of stuff before the 1N400x's took over because of higher ratings and smaller size. They are perfectly good and reliable diodes. Change only if bad.

>From the computer of Benjamin Hall.
kd5byb@earthlink.net

Message-ID: <4437886.1056470824768.JavaMail.nobody@kermit.psp.pas.earthlink.net>
Date: Tue, 24 Jun 2003 09:07:12 -0500 (CDT)
From: Benjamin Hall <kd5byb@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Tek scope diodes
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Hank and gang,

If I had to guess, I'd say that my rectifiers were factory installed. The installation method closely matches Tek's high quality assembly practices. If not factory, then they were retrofitted by a Tek-trained technician who did a really, really nice job. I couldn't do as nice of a job, that's for sure...

As a side-note, the plug-in I'm using is the 53/54K I got from you back in Texas. Still works great and the calibration still appears to be right on.

thanks and 73,
ben

-------Original Message-------
From: Henry van Cleef <vancleef@eskimo.com>
Sent: 06/23/03 09:52 PM
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Tek scope diodes

Tek also provided conversion kits for the

old selenium setup, and the vast majority of the scopes in the field
that ran into the mid-1960's got the conversion.

The appropriate replacement---if you need one---is the 1N4005.

>From the computer of Benjamin Hall.
kd5byb@earthlink.net

End of BOATANCHORS Digest 3506
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